Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Canceled)

2.   (Canceled)

3.   (Canceled)

4.   (Original) A method of accessing a home location functionality for H.323 mobility management comprising the steps of

periodically transmitting a mobility gatekeeper advertisement message,

receiving a response from an H.323 mobile entity indicating a move from a first point of attachment to a different point of attachment to an H.323 communications network,

responsive to said move, outputting a visiting network location update request message from an H.323 home gatekeeper to said home location functionality and

in the event said update is successfully accomplished, receiving a visiting location confirmation message at said H.323 home gatekeeper.

5.   (Original) A method of accessing a home location functionality as recited in claim 4 wherein said different point of attachment is in a different administrative domain and said home location functionality is centralized for a plurality of H.323 home gatekeepers associated with different administrative domains.

6.   (Original) A method of accessing a home location functionality as recited in claim 4 wherein said home location functionality us distributed, there being a home location functionality associated with each H.323 gatekeeper in an administrative domain.

7. (Original) A method of accessing a visitor location functionality for inter-zone H.323 mobility management comprising the steps of

periodically transmitting a mobility gatekeeper advertisement message,

receiving a response from an H.323 mobile entity indicating a move from a first point of attachment to a different point of attachment in a visiting administrative domain of an H.323 communications network,

responsive to said move, outputting a visiting network location update request message from an H.323 visiting gatekeeper to a visiting visitor location functionality associated with said H.323 visiting gatekeeper,

in the event said update is successfully accomplished, receiving a visiting location confirmation message at said H.323 home gatekeeper

outputting a request to a home zone H.323 gatekeeper to request a binding home confirmation for said move and

in the event of the home H.323 gatekeeper's updating an associated home location functionality, receiving a binding update confirmation message at said visiting H.323 gatekeeper.

8. (Original) A method of accessing a visitor location functionality as recited in claim 7 further comprising the steps of

said home zone H.323 gatekeeper outputting a visiting network location update request message from an H.323 home gatekeeper to said home location functionality and

said home location functionality being centralized for a plurality of H.323 home gatekeepers associated with different administrative domains.

9. (Original) A method of accessing a visitor location functionality as recited in claim 7 further comprising the steps of

said home zone H.323 gatekeeper outputting a visiting network location update request message from an H.323 home gatekeeper to said home location functionality and

said home location functionality being distributed among a plurality of H.323 home gatekeepers associated with different administrative domains.

10.   (Original) A method of accessing a visitor location functionality for inter-zone H.323 mobility management comprising the steps of

periodically transmitting a mobility gatekeeper advertisement message,

receiving a response from an H.323 mobile entity indicating a move from a first point of attachment to a different point of attachment in a visiting administrative domain of an H.323 communications network,

responsive to said move, outputting a visiting network location update request message from an H.323 visiting gatekeeper to a visiting visitor location functionality associated with said H.323 visiting gatekeeper,

in the event said update is successfully accomplished, receiving a visiting location confirmation message at said H.323 home gatekeeper

outputting a request to a home zone H.323 gatekeeper to request a binding home confirmation for said move substantially simultaneously with a request to a visited zone H.323 gatekeeper to request an unbinding visited confirmation and

in the event of the home H.323 gatekeeper's updating an associated home location functionality, receiving a binding update confirmation message at said visiting H.323 gatekeeper.

11.   (Original) A method of accessing a visitor location functionality as recited in claim 10 further comprising the steps of

said home zone H.323 gatekeeper outputting a visiting network location update request message from an H.323 home gatekeeper to said home location functionality and

said home location functionality being centralized for a plurality of H.323 home gatekeepers associated with different administrative domains.

12.   (Original) A method of accessing a visitor location functionality as recited in claim 10 further comprising the steps of

said home zone H.323 gatekeeper outputting a visiting network location update request message from an H.323 home gatekeeper to said home location functionality and

said home location functionality being distributed among a plurality of H.323 home gatekeepers associated with different administrative domains.

13.   (Original) A method of accessing a home location functionality for inter-zone H.323 mobility management comprising the steps of

periodically transmitting a mobility gatekeeper advertisement message,

receiving a response from an H.323 mobile entity indicating a move from a first point of attachment to a visiting point of attachment to an H.323 communications network,

responsive to said move, outputting a binding location update request message from an H.323 visiting gatekeeper to a centralized home location functionality and

in the event said update is successfully accomplished, receiving a visiting location binding confirmation message at said H.323 visiting gatekeeper.

14.   (Original) A method of accessing a home location functionality for inter-zone H.323 mobility management comprising the steps of

periodically transmitting a mobility gatekeeper advertisement message,

receiving a response from an H.323 mobile entity indicating a move from a first point of attachment to a visiting point of attachment to an H.323 communications network,

responsive to said move, outputting a location update request to a visiting visitor location functionality associated with a visiting zone H.323 gatekeeper

outputting a binding location update request message from said visiting visitor location functionality to a centralized home location functionality and

in the event said update is successfully accomplished, receiving a visiting location binding confirmation message at said visiting visitor location functionality.

15.   (Canceled)

16.   (Canceled)

17.   (Canceled)

18.   (Canceled)

19.   (Canceled)

20.   (Canceled)